

**BOSS™****D-POT®****STAINLESS STEEL DOSING POT**

# INSTALLATION INSTRUCTIONS

## WARNING!

**UNIT UNDER PRESSURE (ALL SYSTEMS) AND RISK OF POTENTIAL SCALDING (HEATING SYSTEMS ONLY)**

### PARTS TO ASSEMBLE

- A** ½" Tundish Assembly
- B** ½" Air Vent Assembly
- C** Stainless Steel Vessel
- D** Return/Drain Assembly
- E** Wall Brackets

### VALVES & CONNECTIONS

- 1** ½" System Return
- 2** ½" System Flow
- 3** ½" Drain
- 4** ½" Tundish IV
- 5** ½" Air Vent IV
- 6** ½" NRV

### ASSEMBLY

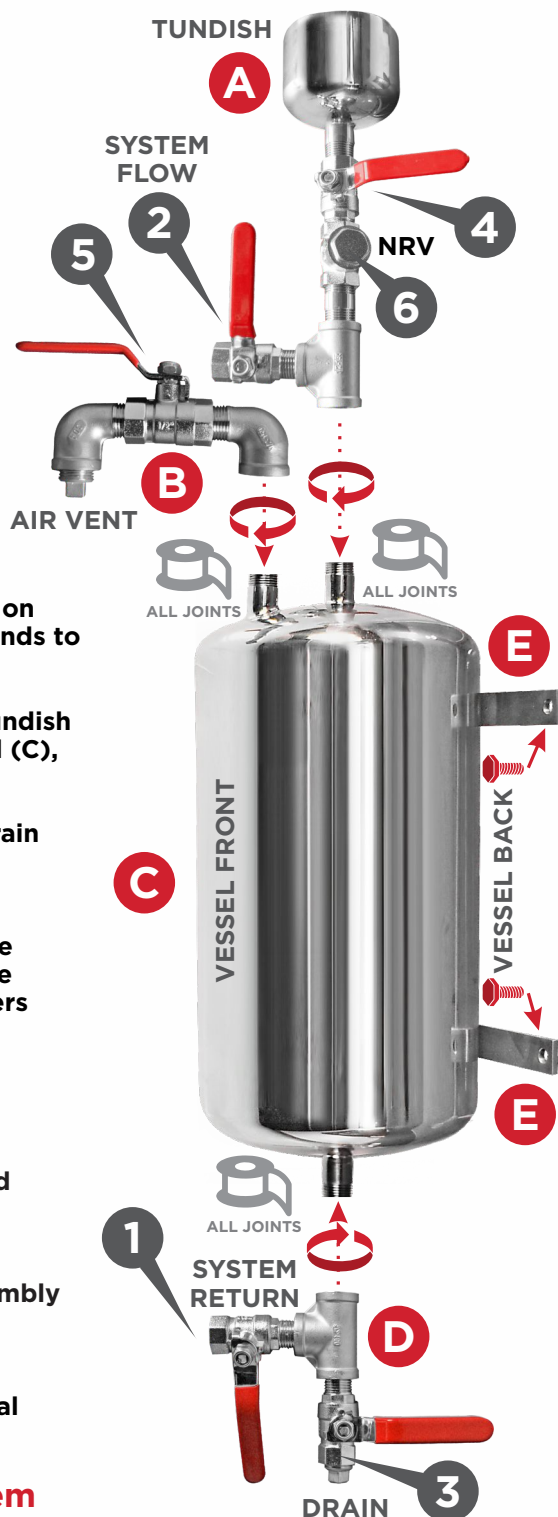
**THIS BOSS™ D-POT® CAN BE INSTALLED IN A LEFT OR RIGHT HANDED CONFIGURATION**

1. Unpack the D-POT® Vessel and components and fit together all of the valves and fittings with a suitable sealing compound.
2. Assemble the parts in the following order (see the illustration to the right).
  - 2.1. Upon applying thread compound and sealer - screw in the Air Vent Assembly (B) onto the off-centre outlet provided on the top front of Vessel (C). Make sure the Air Vent (B) extends to the front of the Vessel upon tightening.
  - 2.2. Upon applying thread compound and sealer - screw the Tundish Assembly (A) onto the inlet at the top-centre of the Vessel (C), ensuring the valve handles face to the front of the vessel.
  - 2.3. Upon applying thread compound and sealer - screw the Drain Assembly (D) into the inlet at the bottom of Vessel (C), ensuring valve handles face to the front of the vessel.
  - 2.4. Bolt the assembled BOSS™ D-POT® to the wall with suitable fixings, using the holes in the Wall Mounts (E), ensure there is ample space to fit and manipulate the chemical containers above the Tundish (A) and below the Drain Valve (3).

### CONNECTIONS

3. Connect the BOSS™ D-POT® to the system using ½" pipe connections. Connect Valve (1) to system return (water out) and valve (2) to system flow (water in). See separate sheet for connecting to typical systems.
4. Ensure that all connections are watertight and the D-POT® assembly is pressure tested before initiating flow from the system.
5. The drain Valve (3) may be piped directly over a foul drain if preferred. Before doing this, please take note to see if your local disposal restrictions apply when draining the BOSS™ D-POT®.

**NOTE: Dosing pot should remain open to the system to avoid dead legs, as per BSRIA BG50-2013**



## WARNING!

**WEAR APPROPRIATE PPE WHEN OPERATING THE BOSS™ D-POT®****INSTALLATION BY QUALIFIED/EXPERIENCED TECHNICIANS ONLY**



**AFTER COMPLETING INSTALLATION, FIX THESE INSTRUCTIONS ADJACENT TO THE BOSS™ D-POT® TO BE CLEARLY VISIBLE.**



**BOSS™**

**D-POT®**

**STAINLESS STEEL DOSING POT**

## OPERATING INSTRUCTIONS

### WARNING!

**UNIT UNDER PRESSURE (ALL SYSTEMS) AND RISK OF POTENTIAL SCALDING (HEATING SYSTEMS ONLY)**

#### PARTS

- A** ½" Tundish Assembly
- B** ½" Air Vent Assembly
- C** Stainless Steel Vessel
- D** Flow/Drain Assembly

#### VALVES

- 1** ½" Return Connection
- 2** ½" Flow Connection
- 3** ½" Drain
- 4** ½" Tundish IV
- 5** ½" Air Vent IV
- 6** ½" NRV

### WARNING!

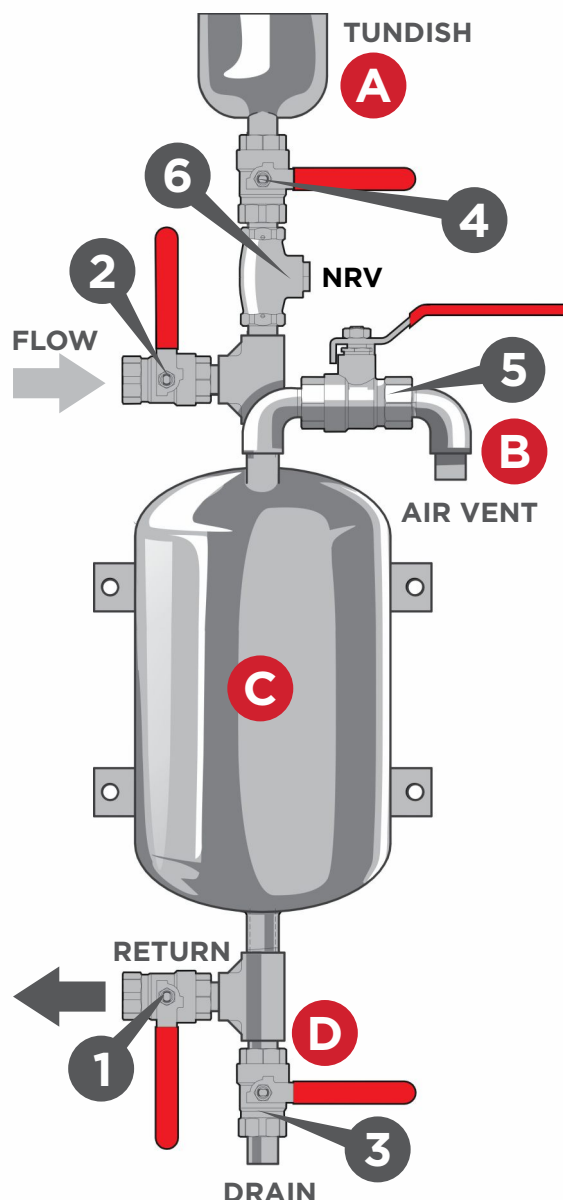
**WEAR APPROPRIATE PPE WHEN OPERATING THE BOSS™ D-POT®**



**NOTE: DOSING CAN ONLY TAKE PLACE WHEN THE SYSTEM PUMPS ARE RUNNING**

### HOW TO DOSE THE SYSTEM

- 1) Close Valves (1) & (2). This will isolate the D-POT® from the system.
- 2) Open and unplug Valve (5), then Valve (3). The vessel will drain.
- 3) Close Valve (3), then open Valve (4).
- 4) Place a bucket under the vent (5), then pour the chemicals into the Tundish (A). As the chemicals are entering the Tundish, air will release through Air Valve (5).
- **CAUTION:** ALWAYS USE A MANAGEABLE AMOUNT OF CHEMICALS WHEN DOSING THE BOSS™ D-POT® TUNDISH
- **NOTE:** DO NOT ADD MORE THAN THE VESSEL LITRE SIZE.
- 5) When the chemicals have been dosed, close Valve (4).
- 6) Open Valve (2) slightly to let the water into the vessel, make sure all the air is vented through the Air Vent (B), then close and plug Valve (5) and open Valves (2) and (1) completely.
- 7) The system water will now flow through and dose the chemicals into the system as a whole.



**BOSS™ D-POT®**

**WE ADVISE DOSING WITH THE FOLLOWING QUALITY TESTED INHIBITOR:**

**X-PO10®**  
INHIBITOR

Superior all-round system protection up to 90°C



**BSS**

**BOSS™ X-PO10 PRODUCT CODES**

5L Drum	16910563
10L Drum	16910574
20L Drum	16910840
1000L IBC	16910316
Test Kit (10 Tests)	16910596

